An Integrated Approach to Address Preconception Health in Colorado

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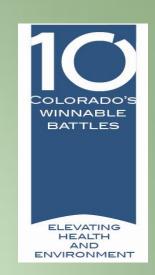


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Objectives

- ◆ Understand Colorado's public health efforts focused on promoting intended pregnancy
- ◆ Understand Colorado's Maternal and Child Health preconception strategies and activities for the coming year
- ◆Learn how you can be involved in and/or stay informed about these efforts

Colorado's Winnable Battles – Reducing Unintended Pregnancy & Preventing Obesity



- *Reduce the number of teen births
- *Increase use of effective methods of birth control among sexually active adults and teens
- *Decrease the percentage of Colorado adults who are overweight or obese to 50 percent

CO Maternal & Child Health Priority: Preconception Health



Promote preconception health among women and men of reproductive age with a focus on intended pregnancy and healthy weight.



Percentage of sexually active women and men ages 18-44 using an effective method of birth control to prevent pregnancy.



Percentage of live births to mothers who were overweight or obese based on BMI before pregnancy.

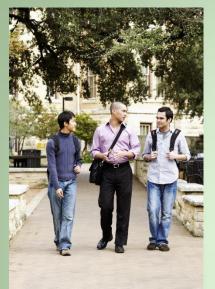
By promoting optimal maternal wellness today, we have the potential to impact the health of tomorrow's generations



Maternal Wellness Team



Preconception Health & Preconception Care





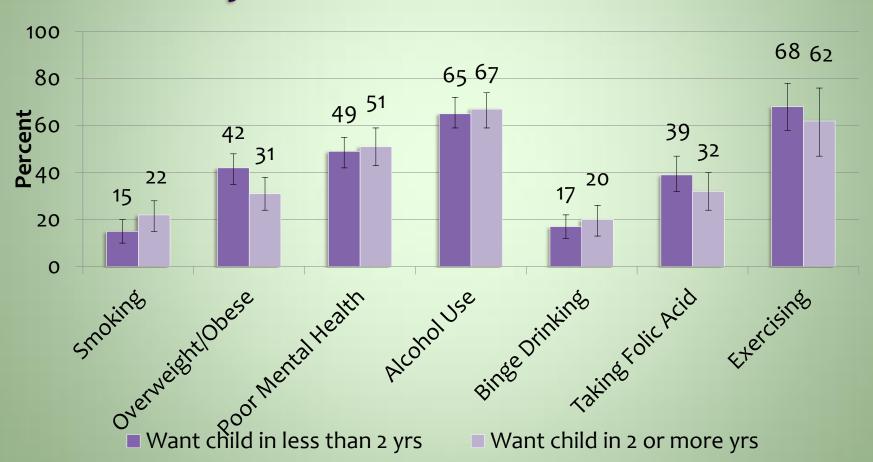






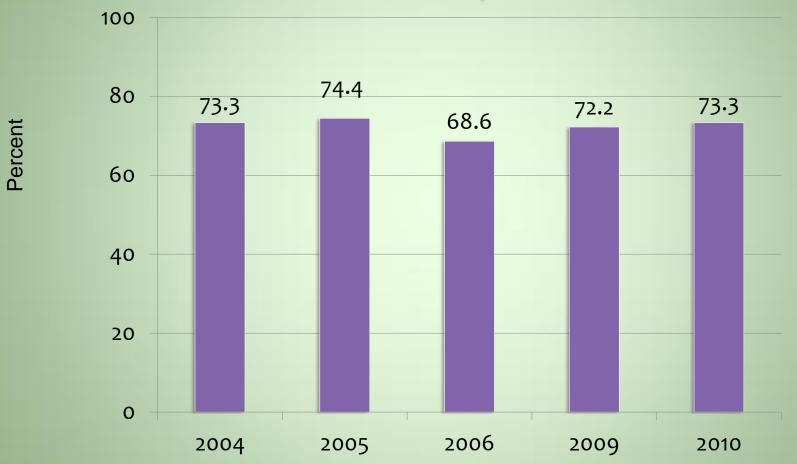


Preconception risk and protective factors among Colorado women by when child is wanted



Source: BRFSS, 2004-2006

Colorado adults ages 18-44 years old using an effective method* of birth control, 2004-2010



^{*}Effective methods includes tubal ligation, vasectomy, hysterectomy, oral contraceptive, injectable contraceptive, contraceptive patch, contraceptive ring, contraceptive implant or IUD Source: Colorado Behavioral Risk Factor Surveillance System, Colorado Department of Public Health and Environment

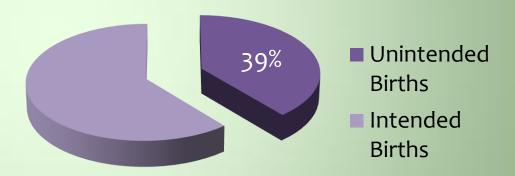
The Impact of Unintended Pregnancy

*Health

*Social

*Economic

Colorado Births by Pregnancy Intention

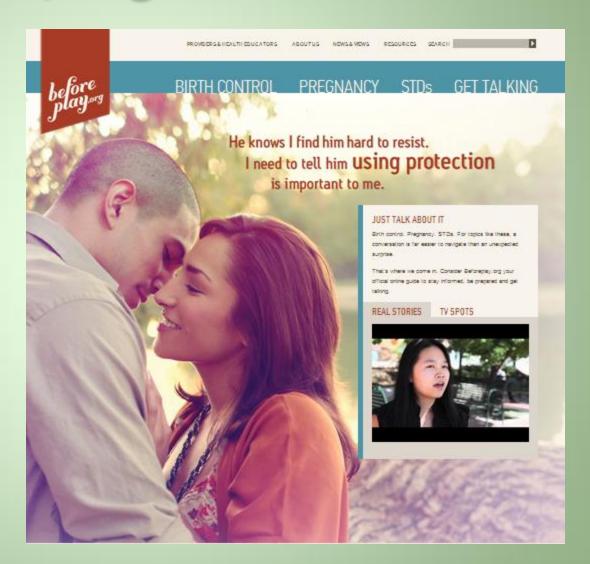


Promote and support the recently launched social marketing campaign Beforeplay



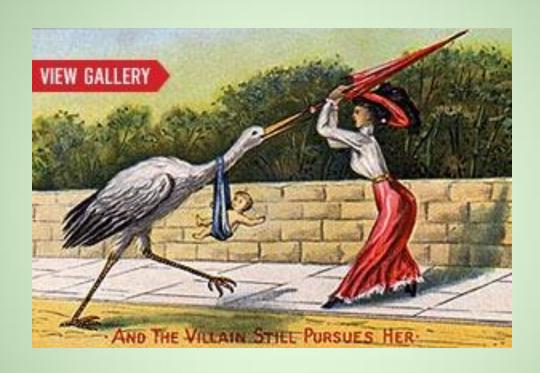
www.beforeplay.org

- ***** Clinic locator
- *** Get Talking Tool**
- *** Birth Control**
- * Pregnancy
- *STDs



Develop tools to promote individual responsibility through reproductive life planning





Participate in discussions related to incorporating reproductive health services into health plans and systems



Integrate reproductive life planning and preconception care into family planning clinic protocols and practices

MCH Role in Promoting Intended Pregnancy and Preconception Care

Promote and inform content for trainings on the preconception and contraception clinical guidelines





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Putting Guidelines into Practice: Rapid Improvement Activity (RIA)



Rapid Improvement Activity

- *1 hour in length over breakfast or lunch
- *Training for the entire practice team
- ***** Guideline content is outlined

Team brainstorms ideas on integrating:

*Content and systems change

RIA Results – case study:

- ★ In 69 practices in Colorado
- *72% of identified goals retained at 3 month follow-up

How You Can Be Involved

- * Promote Beforeplay campaign
 - *Agency websites, provide materials, contribute to blog discussions, social media, Phase II, etc.
- * Identify clinics interested in HTW Guidelines training
- * Provide feedback on development of family planning protocols
- * Participate in Preconception Health Advisory Committee
- * Promote and/or attend community trainings
- * Continue to evaluate current preconception activities at local agencies

How You Can Stay Informed

- * "Like" Beforeplay on Facebook or follow on Twitter
- * Join the Google Groups
 - ** Preconception Health Google Group
 - *http://groups.google.com/group/preconception-care
 - * Health Collaboratives Google Groups
 - ★ Unintended Pregnancy & Obesity
 - *http://www.coprevent.org/p/prevention-priorities.html
- *Join the Maternal Wellness Update list-serv
 - ★ If interested, email Linda Archer

Conclusion



Questions?

Contact Information

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Online Resources

- * Health Watch Publication:
 - *http://www.cdphe.state.co.us/hs/pubs/Preconception3.pdf
- *** Clinical Guidelines:**
 - *http://www.healthteamworks.org/guidelines
- * Webinar on the Preconception Guideline:
 - *http://www.youtube.com/watch?v=zUR7pBSTcPU&feature=channel_video_title
- * Beforeplay Campaign
 - *www.beforeplay.org

References

- * Colorado Department of Public Health and Environment, Health Statistics Section (2010). Colorado MCH Data Set 2010. Retrieved October 12, 2010 from http://www.cdphe.state.co.us/ps/mch/mchadmin/mchdatasets2010/profiles/colorado.pdf.
- * Brown, S.S. & Eisenberg, L. (1995). The best intentions: unintended pregnancies and well-being of children and families. Washington, DC: National Academy Press.
- * Atrash, H., Jack, B. W. & Johnson, K. (2008). Where is the "w"oman in MCH? American Journal of Obstetrics and Gynecology. 199(Suppl. December 2008), S259-S264.
- * Colorado Department of Public Health and Environment. Health Watch (2009, February). The association of prepregnancy body mass index and adverse maternal and perinatal outcomes. Retrieved November 5, 2010 from http://www.cdphe.state.co.us/hs/pubs/BMI2.pdf.
- * Gillman, M. W. (2008). The first months of life: a critical period for development of obesity. American Journal of Clinical Nutrition, 87(6), 1587-1589.

References

* U.S. National Library of Medicine. National Institutes of Health. Fetal alcohol syndrome. Retrieved October 12, 2010 from http://www.nlm.nih.gov/medlineplus/ency/article/000911.htm.

* Colorado Department of Public Health and Environment. Health Watch (2010, June). The burden of depression and anxiety in Colorado: findings from the Colorado behavioral risk factor surveillance system. Retrieved November 5, 2010 from http://www.cdphe.state.co.us/hs/pubs/depressionAnxiety.pdf.

* Frieder, A., Dunlop, A.L., Culpepper, L. & Bernstein, P.S. (2008). The clinical content of preconception care: women with psychiatric conditions. American Journal

of Obstetrics and Gynecology. 199(Suppl. December 2008), S328-S332.

* Centers for Disease Control and Prevention. (2007, December 14). Preconception and interconception health status of women who recently gave birth to a live born infant – pregnancy risk assessment monitoring system, U.S. 26 reporting areas, 2004. Retrieved September 15, 2010

National Council on Folic Acid 2010, Folic Acid. Folic acid and neural tube defects

(NTD's). Retrieved November 5, 2010 from

http://folicacidinfo.org/forms/folic_info/Neural_Tube_Defects_1265385932.pdf.

* Centers for Disease Control and Prevention. (2008, January 11). Use of supplements containing folic acid among women of childbearing age - United States, 2007. Retrieved September 30, 2010 from

http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5701a3.htm.

References

- * Department of Health and Human Services. The president's council on physical fitness and sports. *Physical activity facts.* Retrieved on October 29, 2010 from http://www.fitness.gov/resources_factsheet.htm.
- * Centers for Disease Control and Prevention. (2006, April 21). Recommendations to improve preconception health and health care United States. A report of the CDC/ATSDR preconception care workgroup and the select panel on preconception care. Retrieved October 29, 2010 from http://www.cdc.gov/mmwr/PDF/rr/rr5506.pdf.
- * Wise, P. (2008). Transforming preconceptional, prenatal and interconceptional care into a comprehensive commitment to women's health. Women's Health Issues, Suppl. 18, (2008) S13-S18.
- * Health TeamWorks. (2009, December). Guideline for preconception and interconception care. Retrieved November 11, 2010 from http://www.coloradoguidelines.org/pdf/guidelines/preconception/FINAL%20Preconception%20Care%20Guideline%20v27%20-%2012-30-09.pdf